

**ABSTRACT:** This invention is a system for locating an object. A tag unit (100) that is attached or embedded into the object to be located generates radio frequency signals when excited by an ultrasonic wave (108). The locator unit (100) generates the ultrasonic wave (108) and receives radio frequency signals from the tag unit (110). The locator unit (100) determines the signal strength of the received radio frequency signal and provides a representation of the signal strength. By monitoring the signal strength indication, the user will be directed to the object.